

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13ter.1(c) and Rule 39)

Applicant's or agent's file reference RSPERFCOMP2	IMPORTANT DECLARATION	Date of mailing(day/month/year) 17/06/2004
International application No. PCT/IB 03/06302	International filing date(day/month/year) 29/12/2003	(Earliest) Priority date(day/month/year)
International Patent Classification (IPC) or both national classification and IPC H03M7/30		
Applicant VAN GUCHT, Jurgen		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below

1. ☐ The subject matter of the international application relates to:
- a. ☐ scientific theories.
 - b. ☐ mathematical theories
 - c. ☐ plant varieties.
 - d. ☐ animal varieties.
 - e. ☐ essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.
 - f. ☐ schemes, rules or methods of doing business.
 - g. ☐ schemes, rules or methods of performing purely mental acts.
 - h. ☐ schemes, rules or methods of playing games.
 - i. ☐ methods for treatment of the human body by surgery or therapy.
 - j. ☐ methods for treatment of the animal body by surgery or therapy.
 - k. ☐ diagnostic methods practised on the human or animal body.
 - l. ☐ mere presentations of information.
 - m. ☐ computer programs for which this International Searching Authority is not equipped to search prior art.
2. ☐ The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:
- ☐ the description ☐ the claims ☐ the drawings
3. ☐ The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:
- ☐ the written form has not been furnished or does not comply with the standard.
- ☐ the computer readable form has not been furnished or does not comply with the standard.
4. Further comments:

see further information PCT/ISA203

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The applicant is referring to the idea of compressing data by converting binary, 15-bit numbers to their respective representation in the octal number system. To this end, according to the applicant, an octal number symbol can hold three bits, thus expanding the amount of data stored in one symbol compared to the binary case. This, however, is not 'compression' because it does not reduce the redundancy of the data. One can recognise this fact when calculating the entropy, which stays the same in this case, or when storing said data into binary form and counting the number of bits necessary to represent the data. Furthermore, no compression scheme is able to compress real random data, which the applicant also claims. In random data there is no redundancy that could be removed because every random symbol is independent of each other. Even by simply reordering the numbers no compression can be achieved because it would take additional information to code the new order of the numbers leading to the same overall data length. The applicant's assumption of using only unique digits in octal number when converting to the octal base is also not reasonable because data occurring in video/audio, images comprise equally distributed numbers/data.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.